

REPLACED BY  
ART 34 AMDT

What is claimed is:

1. A method for moving data objects in a computer system from a first to a second storage location, comprising:
  - 5 a) selecting one or more data objects from the first storage location,
  - b) assigning an identifier (ID) of a first type to each of the selected data objects,
  - 10 c) assigning an ID of a second type to each of the selected data objects,
  - d) storing said first type ID in a first lock object,
  - e) storing said second type ID in a second lock object,
  - 15 f) storing a data object, the first ID of which is contained in the first lock object, at the second storage location,
  - g) deleting a data object, the first type ID of which is contained in the lock object, from said first storage location,
  - 20 h) deleting a first type ID from the first lock object earliest at a time at which step e) for the respective data object assigned to that at least one ID has been completed,
  - 25 i) deleting a second type ID from the second lock object earliest at a time at which step d) for a particular first type ID has been completed.
2. The method of claim 1, wherein  
30 a data object comprises one or more fields of one or more tables and wherein the at least one ID comprises one or more key fields of the one or more tables.

3. The method of claim 1 or 2, wherein  
in step f) the data objects are stored in one or  
more files and wherein an assignment of a first  
type ID to the file or to a name of the file, in  
5 which the data object assigned to said first type  
ID is stored, is stored in the first lock object.
4. The method of one of claims 1 to 3, wherein  
the first lock object is stored on a nonvolatile  
storage means.
- 10 5. The method of one of claims 1 to 4, wherein  
in step e) the second type ID is stored in the  
second lock object immediately after performing  
step c) for the respective data object.
- 15 6. The method of one of claims 1 to 4, wherein  
in step e) the second type of ID of the selected  
data object is stored shortly before the storing  
process according to step f) for the data object  
assigned to that ID is started.
- 20 7. The method of one of claims 1 to 6, wherein  
in step d) the first type IDs of all selected data  
objects are stored before the first storing process  
according to step f) is started.
- 25 8. The method one of claims 1 to 7, further  
comprising:  
j) checking before or while performing any of steps  
a) to e) for a data object, whether a first type ID  
for the data object has been stored in a lock  
object, and if yes, skipping at least step f) for  
that data object.
- 30 9. The method of one of claims 1 to 8, further  
comprising:  
k) checking before or while performing any of steps

a). to f) for a data object, whether that data object is contained in the second storage location, and if yes, skipping at least step f) for that data object.

- 5 10. The method of claim 9, wherein  
said checking is performed by querying a first lock  
object.
11. The method of one of claims 1 to 10, further  
comprising:
- 10 1) in case of a failure in step f) checking,  
whether the data object assigned to the respective  
first ID has been completely stored in the second  
storage location, and in case of no, skipping at  
least steps g) and h) for that data object and  
15 deleting the first ID from the first lock object.
12. The method of one of claims 1 to 11  
for use in an enterprise resource planning  
software.
13. A computer system for processing data by means of  
20 or in a software application, comprising:
- memory for storing program instructions;
  - input means for entering data;
  - storage means for storing data;
  - a processor responsive to program instructions
  - 25 - programm instructions to carry out a method as of  
any of claims 1 to 12.
14. A computer program comprising program code means  
for performing a method as of any of claims 1 to 12  
if said program is executed on a computer system.
- 30 15. A computer readable medium comprising program code  
for performing a method as of any of claims 1 to 12

if said program code is executed on a computer system.

16. A computer program product comprising a computer readable medium according to claim 15.

5 17. A computer data signal embodied in a carrier wave comprising:  
program code for performing a method as of any of  
claims 1 to 12 if said program code is executed on  
a computer system.